	Application No.	Applicant(s)
Notice of Allowability	09/770,248	IWASAKI, OSAMU
	Examiner	Art Unit	
	Thierry L. Pham	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Amendment filed on 7/18/07 and authorized Examiner's amendment dated 7/30/07.*.

2. ☒ The allowed claim(s) is/are *claims 4-6 & 14-17 are allowed (renumbered as claims 1-7).*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:

       1. ☒ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
    Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)
1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____ .

GABRIEL GARCIA
PRIMARY EXAMINER

DETAILED ACTION

● This action is responsive to the following communication: an Amendment filed on 7/18/07 and authorized Examiner's amendment dated 7/30/07.

● Claims 1-3 & 7-13 have been canceled.

● Claims 4-6 & 14-17 are allowed (renumbered as claims 1-7).

Response to Arguments

Applicant's arguments, see pages 6-7, filed 7/18/07, with respect to claims 4, 14, and 17 have been fully considered and are persuasive. The prior art rejection of claims 4, 14, and 17 has been withdrawn.

Allowable Subject Matter

Claims 4-6 & 14-17 are allowable over prior art of record; renumbered as claims 1-7.

The following is an examiner's statement of reasons for allowance: The cited prior arts (US 6711677 to Wiegley and US 2005/0097323 to Lapstun et al) of record teach an image recording device for embedding a security code with the print job, but the prior art of record fails to teach and/or suggest "analyzing means for analyzing the print control data to extract print image data from the print control data, wherein print image data that has been forgery-preventing-image-processed, encrypted, and converted into a command in the image data processing device and in combinations of other features" as cited in independent claims 4, 14, and 17 (renumbered as claims 1, 4, and 7). The examiner found neither prior art cited in its entirety, nor based on the prior art, found any motivation to combine any of prior arts that teaches the above limitations and in combinations of other features cited in claims 4, 14, and 17 (renumbered as claims 1, 4, and 7).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thierry L. Pham whose telephone number is (571) 272-7439. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thierry L. Pham

GABRIEL GARCIA
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian Klock on 7/30/07.

Please amend the following claims:

4. (Currently amended) An image data recording device, comprising:

common key generating means for generating a common key based on a print ID transferred from an image data processing device;

management means for managing the common key generated by said common key generating means and the print ID transferred from said image data processing device in pairs;

common key issue means for transmitting the common key generated by said common key generating means to said image data processing device;

common key obtaining means for obtaining the common key corresponding to the print ID from said management means when the print ID and print control data are transmitted from said image data processing device;

analyzing means for analyzing the print control data to extract print image data from the print control data ~~print image data~~ wherein said print image data that has been forgery-preventing-image-processed, encrypted, and converted into a command in the image data processing device;

decryption means for decrypting the encrypted print image data extracted by said analyzing means using a key corresponding to the print ID; and

print means for recording the print image data decrypted by said decryption means on a recording medium,

wherein the print image data has been forgery-preventing-image-processed and encrypted in the image data processing device using the common key received from said image data recording device.

14. (Currently Amended) A method for controlling an image data recording device, comprising the steps of:

generating a common key based on a print ID transferred from an image data processing device;

managing the generated common key and the print ID transferred from the image data processing device in pairs;

transmitting the generated common key to the image data processing device;

obtaining the common key corresponding to the print ID when the print ID and print control data are transmitted from the image data processing device;

analyzing the print control data to extract <u>print image data</u> from the print control data ~~print image data~~ <u>wherein said print image data</u> that has been forgery-preventing-processed, encrypted, and converted into a command in the image data processing device;

decrypting the extracted, encrypted print image data using a key obtained from the print ID; and

recording the decrypted print image data in a storage medium,

wherein the print image data has been forgery-preventing-image-processed and encrypted in the image data processing device using the common key received from the image data recording device.

17. (Currently Amended) A program, embodied in a computer-readable medium, for controlling an image data recording system including an image data processing device, said program comprising a plurality of program codes instructing the image data processing system to perform the steps of:

generating a common key based on a print ID transferred from the image data processing device;

managing the generated common key and the print ID transferred from the image data processing device in pairs;

transmitting the generated common key to the image data processing device;

obtaining the common key corresponding to the print ID when the print ID and print control data are transmitted from the image data processing device;

analyzing the print control data to extract print image data from the print control data print image data wherein said print image data that has been forgery-preventing-image-processed, encrypted, and converted into a command in the image data processing device;

decrypting the extracted, encrypted print image data using a key obtained from the print ID; and

recording the decrypted print image data in a storage medium,

wherein the print image data has been forgery-preventing-image-processed and encrypted in the image data processing device using the common key received from the image data recording device.